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07626 (US). **DANILO, Peter, Jr.** [US/US]; 81 Stonybrook Road, Hopewell, NJ 08525 (US).

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(74) Agent: **WHITE, John, P.**; Cooper & Dunahm LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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(71) Applicants (*for all designated States except US*): **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US). **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; Office of Technology Licensing and Industry, Relations N5002 Melville Library, Stony Brook, NY 11794-3369 (US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **BRINK, Peter, R.** [US/US]; 101 Dyke Road, Setauket, NY 11733 (US). **COHEN, Ira, S.** [US/US]; 23 Hawks Nest Road, Stony Brook, NY 11790 (US). **ROSEN, Michael, R.** [US/US]; 25 East 86th Street, New York, NY 10028 (US). **ROBINSON, Richard, B.** [US/US]; 67 Roosevelt Street, Cresskill, NJ

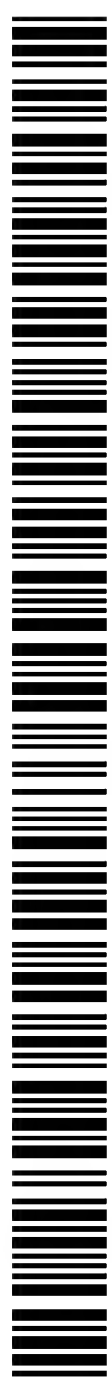
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(54) Title: CREATION OF A BIOLOGICAL ATRIOVENTRICULAR BYPASS TO COMPENSATE FOR ATRIOVENTRICULAR BLOCK

(57) Abstract: A method of creating an atrioventricular bypass tract for a heart comprises growing mesenchymal stem cells into a strip with two ends, attaching one end of the strip onto the atrium of the heart, and attaching the other end of the strip to the ventricle of the heart, to create a tract connecting the atrium to the ventricle to provide a path for electrical signals generated by the sinus node to propagate across the tract and excite the ventricle.



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